

Exhibit - Request for Experimental Authorization - Market Trials

MatrixSpace, Inc. ("Applicant") hereby requests an experimental license to conduct demonstrations utilizing the 24.45-24.65 GHz (radiolocation and radionavigation) frequency. These trials will allow the applicant to demonstrate and test the capabilities of its radar technology in real world conditions.

Directional antenna:

Horizontal direction is variable depending on the test target and can be directed at any point of the 360-degree compass and 0-90 degrees in the vertical plains.

Operation Description:

Location Mobile: The proposed operation will be within 100 km, centered around **39°37'38.33"N 74°25'2.82"W**. However, since the ELS system will not provide a way to input multiple GPS coordinates to define and specify the operating area, the following will be the actual operation area which encompasses the above center point (see attached map):

40°26'24.31"N, 73°53'27.13"W

39°45'35.50"N, 74° 4'0.59"W

39°22'58.02"N, 74°19'0.12"W

38°37'11.65"N, 75° 0'2.74"W

38°50'49.73"N, 75° 8'4.64"W

39°44'16.99"N, 74°34'25.31"W

40°35'0.50"N, 74°15'57.91"W

The applicant proposes to demonstrate up to eight (8) devices total under this requested license. The applicant will use these devices to demonstrate and evaluate a system with the Ocean County Sheriff's Department for detecting UAS activity. This is intended to assess for support of the Ocean County Sheriff Department counter, UAS unit. **No directed energy / RF jamming /electronic attacks will occur.**

Applicant already holds several conventional experimental licenses (under Section 5.3(j) of the Commission's Rules) and licenses to conduct market trials (under Section 5.3(k) of the Rules) in the band, as well as in other bands, which use, in some cases, somewhat more extensive power and other parameters than those proposed within this request. *See* Call Sign WM2XOM, FCC File No. 0203-EX-CM-2023; Call Sign WN2XOI, FCC File No. 0692-EX-CN-2023; and Call Sign WN2XFM, FCC File No. 1206-EX-CN-2022 ("Existing Licenses").

Applicant hereby requests FCC approval to conduct market trials for a subset of the frequencies and powers approved under the Existing Licenses, but at different locations and for the purpose of market trials under Section 5.3(k) of the Commission's Rules. The applicant proposes to test up to eight (8) devices. The applicant is in the process of product improvements and would like to confirm that the device may be deployed successfully in real-world conditions. These trials will be used to model potential applications and otherwise enhance potential product offerings (including radiolocation and radio navigation offerings) for the device and further Commission approvals as needed.

Applicant understands that it only may lease equipment to trial participants, unless those participants also obtain an experimental authorization for this test (and, to the extent necessary, hereby requests approval to market and/or lease such devices to such participants, as otherwise approved herein). Because approval of the proposed license will contribute to the development of new technology, the proposed license is consistent with the public interest.

The applicant does not believe the market trials detailed herein will result in any harmful interference. However, in the unlikely event any interference issues arise pursuant to operations under this experimental license, the stop buzzer contact is David Cameron, reachable at 408-761-2923 or David.cameron@matrixspace.com

